

The Effect of a Growth Stimulant of Petroleum Origin on the Growth and Development of Chicks 30 to 60 Days Old,
by E. Yu. Musayev, 5 pp.
RUSSIAN, per, Dok Ak Nauk Azerbay SSR, Vol XX,
No 1, 1964, pp 69-73.

BTSTB2R77R

ATS-32R77R

Sci - B/M
Jul 66

305,350

Isomerization of Cyclohexene to Methylcyclopentenes
in the Dehydration of Cyclohexanol Over Alumina
Oxide, by M. R. Musatev.
RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol 20, No 5,
1964, pp 11-14.
ATS RJ-5168

Sci-Chem
July 69

385,735

The Effect of Petroleum-Base Growth Stimulant
(NRV) on the Premature Falling of Olives, by
N. A. Kalieva.
RUSSIAN, per, Dokl Akad Nauk Azerb SSR, Vol 20,
No 6, 1964, pp 73-75.
ATS-RJ-4798

Sci
Dec 68

353,844

Study of the Promoting Ability of Oxides of Sr,
La, Mo Ce, Cs, and Gd in the Composition of
Catalysts For the Dehydrogenation of Butane to
Butylenes, by T. A. Agdamskii.
RUSSIAN, per, Dokl Akad Nauk Azerb SSSR, Vol 20,
No 7, 1964, pp 21-24.
ATS-RJ-4347

Sci
Dec 68

353,893

Paramagnetic Resonance in Selenium, by
G. B. Abdullayev, et al,
RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol XX,
No 10, 1964, pp 13-16.
ATS RJ-4713

Sci-Phys
Jul 67

329,142

Wheat Hybrids Which are Promising and Rust-Resistant
Under Azerbaydzhan's Various Ecological Conditions,
by Sh. Ya. Mamedova. 5 pp.
RUSSIAN, per, Dok AN AzerSSR, Vol 21, No 5, 1965,
pp 85-88.
ACSI J-7821
FSTG-HT-23-529-70

Sci-Agri
Jul 70

Synthesis of Naphthenic Acids by the Direct Oxidation of Naphthenic Hydrocarbons. Oxidation of Naphthenic Fraction Isolated From Transformer Oil Under Continuous Conditions, by B. K. Zainalov, A. A. Akhundov.
RUSSIAN, per, Dokl Akad Nauk Azerb SSR, Vol 21, No 10, 1965, pp 14-18.
ATS-RJ-4833

Sci
Dec 68

353,879

Bulk Copolymerization of Isopropenyltoluene
and Styrene, by R. G. Ismailov.

RUSSIAN, per, Dokl Akad Nauk Azerb SSR,
Vol 22, No 9, 1966, pp 20-24.

ATS RJ-4939

Sci-Mat
Feb 69

373,760

Synthesis of Esters (Plasticizers) Based
on Synthetic Acids, by B. K. Zeinalov,
R. M. Aliyev.
RUSSIAN, per, Doklady Ak Nauk AzerSSR,
Vol 22, No 11, 1966, pp 26-28.
NTC 69-10930-07C

Sci-Chem
May 69

382,527

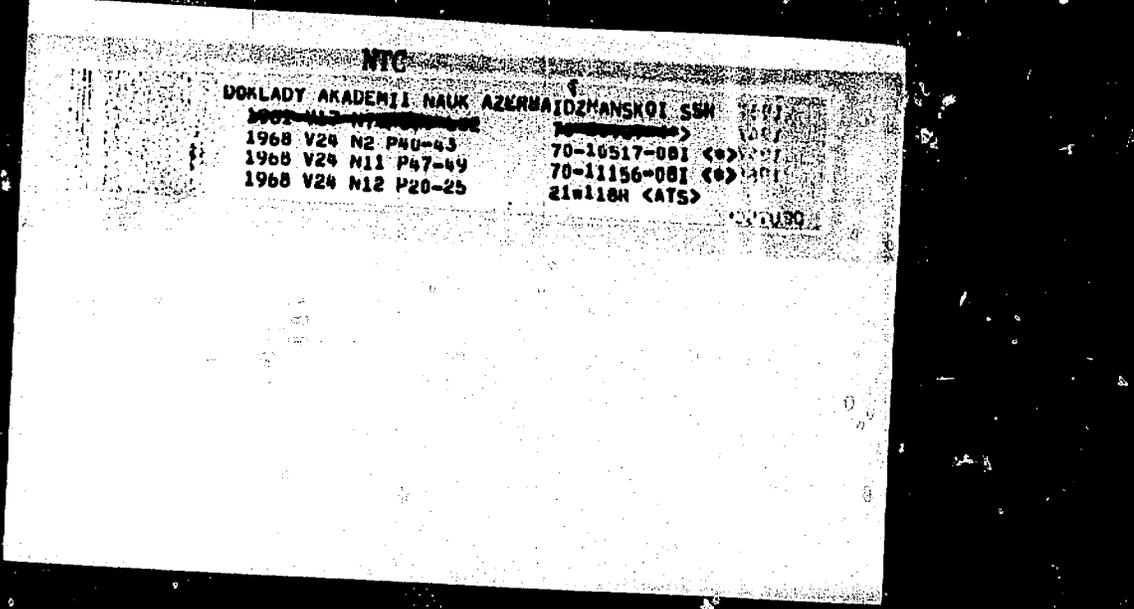
Effect of the Composition of Petroleums
and Their Active Components Upon the
Wettability of Quartz, by N. G. Pashaev.
RUSSIAN, per, Akademiya Nauk
Azerbaidzhanskoi SSR. Doklady, Vol 23,
No 4, 1967, pp 24-27.
NTC 72-10873-08D

Apr 72

The Thermoelectric Properties of the System
GeTeInTe, by Ya. N. Nasirov.
RUSSIAN, per, Dok Ak Nauk Azerb SSSR, Vol 24,
No 1, 1968, pp 8-10.
ATS RJ-5193

Sci/Phys
July 69

385,535



The Question of a Quantitative Correlation
Between the Viscosity of Degassed and Gas-
saturated Crude Oil at High Pressures and
Temperatures, by A. G. Gabibov.
RUSSIAN, per, Dok AN Azerb SSR, No 2, 1968.
International Chemical Engineering
Vol 9, No 2, Apr 1969
Available from Am Inst of Chem Engrs

June 69

383,464

The Question of the Thermal Conductivity of Bismuth-Antimony Solid Solutions, by M. G. Shakhtakhtinskiy
D. S. Tomtiyev, 5 pp.
RUSSIAN, per, AN AzerbSSR. Doklady, Vol 24, No 4, 1968,
pp 6-8.
AIR/FTD/MT-24-1817-71

July 72

Frequency Dependence of the Absorption of
Sound in Polymers, by Kh. M. Khalilov,
B. V. Muratova.

RUSSIAN, per, Dok Ak Nauk Azerbaid SSR,
Vol 24, No 5, 1968, pp 8-11.

NTC-69-16015-20A

Sci-Phys
Reh 70

402.964

Thermoelectric Properties of the System GaTe-CaTe,
by Ya. N. Hacırov.
RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol 24, No 7,
1968, pp 28-31.
ATS RJ-1594

Sci-Phys
July 69

385,747

DZHAFAROV, Ch.D. Striations on magnetic crystal faces
Dokl.Akad.Nauk azerb. SSR 24(7):45-7 (1968) (CRL/D.

The Production of Some Investigations of Single
Crystals of the Compound $\text{C}_6\text{Ga}_2\text{S}_4$, by
V. B. Antonov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 24,
No 8, 1968, pp 12-15.
ILL Ref:8036.625 (trans 236)

Sci-Chem
Feb 70

401,499

Study of the viscosity of N.-alcohols and the application of the entropy method to generalize experimental data, by A. K. Abas-Zade, R. M. Dahanlov. 5 pp.

RUSSIAN, per, Doklady AN AzerbSSR, Vol 24, No 9, 1968, pp 7-10.

AIR/FTD-MI-24-1433-71

apr 72

Development and Study of a New and Highly Active
Aluminosilicate Adsorbent Labeled SD, R. G.
Ismailov.

RUSSIAN, per, Dok Ak Nauk Sssr, Vol 24,
No 12, 1968, pp 20-25.

ATS RJ-5392

Sci-Chem
June 70

AZS

RJ-5682 REFINING GASOLINES PRODUCED IN HIGH-TEMPERATURE
REFORMING, F. F. Mugañlinskii et al., Dokl. Akad.
Nauk Azerb. SSR 25, No. 2, 35-7 (1969). Blending,
addn. of wood tar inhibitor, & refining over sil-
ica-alumina catalysts produce gasolines of high
chemical stability.
850 W; 2 T; 1 F; 1 R \$ 4.95 (\$1.25)

Microbial Oxidation of Various Fractions of Diessel
Fuels, by A. M. Kulihev.

RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol 25, No 3,
1969, pp 28-31.

ATS RJ-5373

Sci-Chem
June 70

On the Structure and Development of Calcium
Bodies in Tapeworms, by E. D. Logachev.

RUSSIAN, per, Dok Ak Navuk BSSR,
Vol LXXX, No 4, 1951, pp 693-965.

NLL RTS 2414
(loan copy)

Jul 64

Investigation of Plastically Deformed Crystals
by Means of a Narrow Beam of X-Rays, by
E. V. Kolontsova.

RUSSIAN, per, Dok Ak Navuk BSSR, Vol XCIII,
No 5, 1953, pp 795-798.

NLL RTS 2357
(loan copy)

Jul 64

A Relation Between the Chemical Composition of the
Initial Raw Material and the Resulting Product, by
M. I. Mazel, N. F. Yermolenko, 5 pp.

BELORUSSIAN, per, Dok Ak Navuk BSSR, Vol I, 1957,
pp 57-60.

SLA 60-17718

Sci

Apr 62

Vol IV, No 6

190,265

61-16799

Stepanov, B. I. and others.

AN INFRARED SPECTROSCOPIC STUDY OF CELLULOSE AND REGENERATED CELLULOSE OBTAINED BY THE CLASSICAL METHOD AND IN THE "VA" APPARATUS. [1961] [9]p. 8 refs.

Order from OTS or SLA \$1.10

61-16799

BELO-RUSSIAN

Trans. of Akademiya Navuk BSSR [Minsk]. (Doklady) 1957, v. 1, no. 3, p. 92-95.

DESCRIPTORS: *Cellulose, Production, Infrared spectroscopy, Physical properties.

1. Stepanov, B. I.

(Materials, TT, v. 7, no. 10)

Office of Technical Services

Distribution of Reflection in a Plane-Parallel
Layer at an Arbitrary Incidence of Scattering,
by A. M. Semson.

BELO ^YRUSSIAN, per, Doklady Ak Nauk SSSR, Vol. III,
No 5, 1959, pp 197-201.

NIL M 8960

OTS 62-14076

Sci - Phys
May 63

229,347

Enamels for Aluminium, by M.A. Bezborodov, E.E.
Mazo.
RUSSIAN, per, Doklady Akad, nauk Byerloruss. S.S.R.
Vol. 3, 1959, pp 300-302.
INSDOC/Ref. T. 4585. PP. 5

Sci -
July 1967

334-388

The Physiological Mechanism of the Conditioned
Reflex to Time, by M. I. Rozin, 5 pp.

BELOUSSIAN, per, Dok Ak Nauk BSSR, Minsk,
Vol III, No 7, 1959, pp 318-321.

SLA 60-21776

Sci
Vol IV, No 7
Apr 62

192, 631

Luminosity of Matter Confined Within a
Finite Volume and Having Arbitrary
Absorption and Emission Bands, by
A. M. Samson, 4 pp.

BELORUSSIAN, per, Dok Ak Nauk Belorussian SSR,
Vol III, No 12, 1959, pp 479-483.

ARS
Vol XXXI, No 11

Sci - Phys

179, 298

17 Jan 62

| | |
|---|--|
| <p>Bezborodov, M. A. and Rzhevuskaya, T. L. LITHIUM-LEAD-SILICA GLASSES. 31 Aug 60, 5p. (figs. omitted) 10 refs. Order from OTS or SLA \$1.10 62-18882 <i>BELOUSSIAN</i> Trans. of Akad[emiya] N[avuk] BSSR (Doklady, 1959, v. 3, no. 12 [p. 488-491].</p> <p>DESCRIPTORS: *Glass, Dioxides, *Silicon compounds, *Lead compounds, Lithium compounds.</p> <p>(Materials--Ceramics, TT, v. 9, no. 7)</p> | <p>62-18882</p> <p>I. Bezborodov, M. A. II. Rzhevuskaya, T. L.</p> <p>Office of Technical Services</p> |
|---|--|

Addition Theorem for Elementary Functions of
Spheroidal Waves, by Ye. A. Ivanov.
RUSSIAN, Doklady Akad Nauk BSSR, Vol 4, No 1, 1960,
pp 3-6.
*NAVY/NRL

Oct 72

Thermal Decomposition of Ag_2SO_3 , by M. P.
Gilevich.
RUSSIAN, per, Doklady Ak Nauk BSSR, No 4, 1960,
pp 342-346.
*NASA TT F-11,796

Sci-Chem
June 68

On the Polar Effect of the Phenomenon of Metal
Erosion in a Pulse Electric Discharge, by
I. G. Nekrashevich, I. A. Bakuto, 4 pp.

BELO-RUSSIAN, per, Doklady Ak Nauk BSSR, Vol IV,
No 6, 1960, pp 241-243.

MDF H-110
9093021

173,349

Sci

11

Nov 61

Calculation of the Indications of a Receiver Using
Optical Amplifiers, By B. I. Stepanov, A. S. Ruban

01p 208 - 11pp.

BELORUSSIAN, per, Dok Ak Navuk BSSR, Vol IV, No 9,
1960, pp 372-375.

Navy Tr 3544/APL 378

OTS 62-14263

Sci - Electron
Sep 63

344/67

On Synthesis With a Minimum Number of Contacts
by A. Sh. Blokh, 3 pp.

~~BE~~LOUSSIAN, per, Doklady Ak Nauk Belorussian SSR,
Vol IV, No 11, 1960, pp 447-449.

MDF B-175
9092618

171, 285

Sci

Oct 61

Types of Structure of the Oceanic Part of the
Terrestrial Crust, by D. G. Panov.

8ELO

^ RUSSIAN, per, Dok Ak Nauk BelSSR, Vol V, No 3,
1961, pp 118-121.

NLL Ref: 5828.4 1962 (10,062)
(loan)

DOB (10,062)
T. 359.12 III

Sci - Earth Earth Sci & Astron
Jul 63

136,089

Pressing of Components From Liquid Steel, by
V. P. Severdenko, T. P. Malei.

BELORUSSIAN, per, Dok Ak Nauk BSSR, Vol V, No 6,
1961, pp 253-255.

BISI 2827

Sci

Dec 62

PRESS FORMIGN OF PARTS FROM LIQUID STEEL, BY
V. P. SEVERDENKO, T. P. MALEI.

BELO^YRUSSIAN, PER, DOK AK NAUK BSSR, VOL V, NO 6,
1961, PP 263-265.

HB 5665

SCI -MIN/MET
OCT 62

212,094

NCH-202 858 Field 7E

Gurevich, M. G.; Solovev, K. N.
LUMINESCENCE OF RARE EARTH PHTHALOCYANINES.
1965, 7p. TC-1354.
Order from TC: \$8.00 as TC-1354

Trans. of Akademiya Navuk BSSR, Minsk. Doklady,
v5 n7 p291-4 1961.

I. TRANS-CHEM,
Knoxville, Tenn.

Possibility of Calculating the Rate of Photo-
synthesis From the Chlorophyll Content, by
V. I. Gaponenko.

RUSSIAN, per, Ak Navuk BSSR, Doklady,
Vol V, No 7, 1961, pp 311-314.

NZDIA

Sci-Chem
Mar 63

225, 312

Relaxation Phenomena at a High Speed Gas Flow, by
M. A. Yel'yashevich, S. I. Anisimov, 5 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol V, No 8, 1961,
pp 324-326. 9685156

PTD-TT-62-1670

Sci-Phys
Jun 63

222,474

Quadrature Theory for Periodic Functions,
by N. P. Keda.
RUSSIAN, per, Doklady Akad Nauk BSSR, 1961,
Vol 5, No 9, pp 375-379.
NLL RTS 2668 (On Loan or Purchase)

Aug 65

288,815

EQUIPMENT FOR THE DEFORMATION OF FILMS IN THE
ELECTRON MICROSCOPE, BY V. P. SEVERDENKO, ET AL.

BELO^VRUSSIAN, PER, DOK AK NAUK BSSR, VOL V, NO 9, 1961,
PP 387, 388.

NLL M. 3742

SCI - PHYS

OCT 62

213,000

On a Violation of the Law of Bouguer in
Media With a Negative Coefficient of Absorption,
by B. I. Stepanov. 5 pp.

BELORUSSIAN, per, Dok Ak Nauk BSSR, Vol V,
No 11, 1961, pp 489-491.

Navy Tr 3545/APL 3T9

OTS 63-11625

Sci - Phys
Sep 63

344268

Accumulation and Release of Radiation Within
a Plane-Parallel Layer, by B. I. Stepanov, 6 pp.

RUSSIAN, Prof, Dok Ak Navuk BSSR, Vol V,
1961, pp 541-546

Copy to 3541/APL 375

Sci - Phys
Sep 63

APL/JHU TO 230-T315
OTS TT-62-11764
344,176

On the Asymptotic Values of the Coefficients
in the Cotes Quadrature Formula, by N. P.
Fedenko.

RUSSIAN, per, Isklady Akad Nauk BSSR, 1962,
Vol 6, No 1, pp 7-8.
NLL RTS 2667 (On Loan or Purchase)

Aug 65

288,816

The Problem of Disruptive Discharge of Dielectrics,
by I. G. Nekrashevich, I. A. Bakuto, 9 pp.

BELO RUSSIAN, per, Dok Ak Nauk BSSR, Vol VI, No 1,
1962, pp 26-30. 9682972

FTD-TT-63-5

Sci-Electronics
May 63

232,184

Calculation in a Nonlinear Approximation of the
Effect of Nonlinearity on the Light Conditions
in a Plane-Parallel Layer, by A. P. Ivanov,
B. I. Stepanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk ~~SSSR~~ USSR,
Vol VI, No 3, 1962, pp 147-150.

Navy Tr 3537/APL 37A

OTS TT-63-11716

Sci - Math; Data Processing
Aug-Sep 63

344,172

On the Generation Conditions in a Plane-Parallel Layer, by A. M. Samson, 7 pp.

BYelorussian, per, Dok Ak Navuk Nats BSSR, Vol VI, No 3, 1962, pp 151-164.

Navy Tr 3538/APL 372

OTS TT-63-11722

344,173

Sci - Phys
S/p 63

On the Self-Excitation Condition in a Plane-Parallel
Plate, by A. M. Goncharenko, B. A. Sotkiy, ⁴pp.

BELOUSSIAN, per, Dok Ak Navuk BSSR, Vol VI, No 4,
1962, pp 223-225.

Sci - Electron
Sep 63

Navy Tr 3536/APL 370

OTS TT-63-11714

344,171

Sulphonation of Aromatic Hydrocarbons by the
Dioxane- SO_3 Complex, by Yu. T. Gordash,
E. A. Laryutina.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VI, No 4,
1962, pp 237-239.

NLL RTS 2225
(loan)

Sci -
Jul 63

239,113

Some Mineralogical Characteristics of
Carnallite From the Starobinsky Deposit
(BED) of Potassium Salts, by Yu. I.
Lupinovich. 9p.
RUSSIAN, per, Doklady, Akademiya Navuk
BSSR, Vol 6, No 4, 1962, pp 247-250.
SIA TT-66-10290

Sci-E Sci
Sept 66

310,402

Excitations of Natural Luminescence of a
Plane-Parallel Plate, by N. P. Zaga, A. M. Samson.

7 pp.

V BSR

BELO RUSSIAN, per, Dok Ak Nauk, Vol 2 VI, No 5,
1962, pp 288-292.

Navy Tr 3505/APL 806

Navy Tr 3532/APL 36

Sci - Phys
Aug 63

OTS 63-11672
238, 312

Electromagnetic Field of a Plane-Parallel
Plate Under Self-Excitation, by B. A. Sotakiy,
A. M. Goncharenko. *6pp.*

8ELO RUSSIAN, per, Dok Ak Naik *USSR*, Vol VI, No 5,
1962, pp 297-300.

OTS 63-11674
Expy Tr 3506/APL 807

Sci - Electron
Aug 63

Nov, Ju 3534/APL 808
238, 314

Electromagnetic Field Inside a Plane-Parallel
Plate in a Resonance Absorption Regime, by
A. P. Khapaliuk. *6 pp*

6 RUSSIAN, per, Dok Ak Nauk BSSR, Vol VI, No 5,
1962, pp 301-304.

OTS 63-11673
Navy Tr 3513/APL 830

Navy Tr 3533/APL 247

Sci - Electron
Aug 63

238,303

The Light Field Within an Unbounded Plane-Parallel
Layer Under Generation Conditions, by B. I.
Stepanov, 708

RUSSIAN, per, Dok Ak Navuk BSSR, Vol VI,
No 6, 1962, pp 355-359. 9217303

Navy Tr 3542/AFL 376

OTS TT-64-11509

Sci - Phys
Sep 63

344,177

New Method of Improving the Machinability of
Cast Steel, by S. V. Lominskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VI,
1962, pp 366-369. 9683261

FTD-TT-63-352

Sci-Engr
Jun 63

234 528

Free Amino Acids in the Soil, by T. M. Ivashkevich,
et al.

RUSSIAN, per, Doklady Akad. Nauk BSSR, Vol 6,
No 8, 1962, pp 523-526.

*NASA-TT F-11498

USSR
Sci/Chem
Feb 68

342,470

Stepanov, B. L. and Rubanov, A. S.
CALCULATION OF THE INDICATIONS OF A
RECEIVER USING OPTICAL AMPLIFIERS, tr. by
L. J. Holtachlag. 13 Aug 63, 8p Srefs APL/JHU
TG 230-T378.
Contract NOW 62-0604-c
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TT-63-11721

Trans. of Akad[emiya] Nauk BSSR [Minsk]. Dokl[ady]
1962, v. 6, no. 9, p. 372-375.

DESCRIPTORS: *Optical equipment, Light,
*Amplifiers, *Lasers, *Thermodynamics, Lumines-
cence, Quantum mechanics.

(Physics, TT, v. 11, no. 1)

TT-63-11721

- I. Stepanov, B. L.
- II. Rubanov, A. S.
- III. APL/JHU TG-230-T378
- IV. Applied Physics Lab.,
Johns Hopkins U.,
Silver Spring, Md.
- V. Contract NOW 62-0604-c

Office of Technical Services

The Calculation of Nonstationary Luminescence of a
3-Level Quantum Generator, by A. M. Samson,
V. A. Savva, 7 pp.

BELORUSSIAN, per, Dok Ak Nauk BSSR, Vol VI, No 7,
1962, pp 418-422.

Navy Tr 3540/APL 374
OTS TT-64-11538

Sci - Phys
Sep 63

344,175

On the Feasibility of the Anode-Jet Method of
Processing Metallic Surfaces, by S. A. Dvornar,
5 pp.

BELORUSSIAN, per, Dok Ak Nauk [✓]SSSR, Vol VI, No 8,
1962, pp 494-496. 9668546

FTD-TT-63-49

Sci-Mat & Metallurgy
May 63

232,202

A Study of the Kinetics of the Formation of ZnS
and the Process of Reaction Diffusion of S in
ZnS, by N. N. Sirota.

RUSSIAN, per, Doklady Akad. Nauk BSSR, Vol. 5, 1962,
pp 626-628.

*CFSTI TT 70-59114

Sci-
June 70

Possible and Stable States of Stationary
Oscillation in a Plane-Parallel Layer, by
B. I. Stepanov, 6pp.

BELOUSSIAN, per, Dok Ak Navuk ESSR, Vol VI,
No 10, 1962, pp 629-632.

Navy Tr 3543/APL 377

Sci - Electron, Phys
Sep 63

OTS 77-63-11724

344,166

Calculation of Luminescence in a Cylinder With a
Negative Coefficient of Absorption in Geometrical
Optics Approximation, by A. M. Samsen, Yu. I.
Chekalinskaya, 8 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VI,
No 10, 1962, pp 633-637.

Navv Tr 3539/APL 373
OTS-TT-64-11547

Sci - Phys
Sep 63

344,174

Effect of Energy Level Degeneration and Radiation
Losses on the Optical Properties of the Three-Level
Laser, by B. I. Stepanov, V. P. Gribkovskiy.
RUSSIAN, per, Dok Ak Navuk XBSSR, Vol VII,
No 1, 1963, pp 17-21.
Navy Tr 3787/
APL T961

Sci - Phys
May 64

256,976

Rubinchik, Ya. S., Pavlyuchenko, M. M., and
Taybulko, I. A.

APPLICATION OF REFLECTION SPECTROPHOTOM-
ETRY TO THE STUDY OF THE REACTION OF
MgO WITH Fe_2O_3 . [1963] 5p. 6 refs.

Order from OTS of SLA \$1.10

63-18152

63-18152

- I. Reflection method
- I. Rubinchik, Ya. S.
- II. Pavlyuchenko, M. M.
- III. Taybulko, I. A.

Trans. of Akadem[ia] Nauk BSSR, Minsk. Doklady,
1963, v-7, no. 1, p. 30-32.

DESCRIPTORS: *Iron compounds, Oxides, *Ferrites,
*Magnesium compounds, Quantitative analysis,
*Powder metals, Reaction kinetics, *Spectroscopy.

A study was made of the reflection spectrum method
for determining the quantitative reaction of iron oxide
which leads to the formation of magnesium ferrite.
Spectrophotometric determination was carried out with
mixtures of $Fe_2O_3 + MgO$, annealed at $1000^{\circ}C$ for 30,
(Chemistry--Physical, TT, v. 10, no. 9) (over)

Office of Technical Services

Drawing of Copper Wire in an Ultrasonic Field
by V. P. Severdenko and V. V. Klubovich, 6 pp.
Delo
RUSSIAN, par, Doklady Ak. Nauk SSSR, Vol. 7,
No 2, 1963, pp 95-98. 9670302

FTD-TP-63-675

Sci - Phys

345, 283

Oct 63

Period of Identity and Microhardness of
Semiconductor Solid Solutions of InP-GaAs,
by N. N. Sirota, L. A. Makovetskaya, 5 pp.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol VII,
No 4, 1963, pp 230-232. P100064266
FTD-TT-65-2000

Sci - Phys
Nov 66

312,910

Forward Slip in the Rolling of Strip From
Metal Powders, by V. P. Severdenko, E. B.
Lozhchnikov.
RUSSIAN, per, Doklady Akad. Nauk. BSSR,
Vol 7, No 4, 1963, pp 244-246.
BISI 4912

Sci-Materials
Oct 66

310,468

Consideration of the Splitting of the
Metastable Level of a Three-Level Quantum
Generator, by B. I. Stepanov, V. P. Gribkovskiy.
RUSSIAN, per, Dokl Ak Nauk Belor SSR,
Vol VII, No 5, 1963, pp 305-308.
Dept of Navy 4790/APL/JHU TG 230-T467

Sci - Engr
Aug 66

~~304,639~~
305,639

REQ TR CHECK

18-01-73

T043

EFFECT OF TEMPERATURE, MAGNITUDE OF A
PERTURBED QUANTUM AND OUTSIDE GASES ON THE
STRUCTURAL ELECTRON SPECTRA OF MOLECULES
IN VAPORS

BORISEVICH, N A; GRUZINSKIY, V V

UR: DOKLADY AKADEMII NAUK BSSR, VOL 7,
NR 5, 1963, pp. 309-312

Process in a

H572-23-0043

TT-64-15149

Godnev, T. N. and Shabelskaya, E. F.
FORMATION OF CHLOROPHYLL AND CAROTENOIDS
IN THE FRUIT OF THE TOMATO IN THE PROCESS
OF GRADUAL GROWTH AND RIPENING
Gail Bremenstul, tr. 9 Mar 64, 7p Srefs
Order from OTS, SLA, or ETC \$1.10 TT-64-15149

I. Godnev, T. N.
II. Shabelskaya, E. F.

Trans. of Akademiya Navuk BSSR [Minsk]. Doklady,
1963, v. 7 [no. 5] p. 347-349.

(Biological Sciences--Botany. TT, v. 11, no. 11)

Office of Technical Services

Dissociation Kinetics of Diatomic Molecules
in the Absence of Vibrational Equilibrium, by
S. I. Anisimov, G. S. Romanov.
RUSSIAN, per, Doklady Akad Nauk BSSR,
Vol 7, No 6, pp 376-377, 1963
NASA TT F-9500

Sci-NS&T
Nov 65

291,668

Catalytic Activity of Silver Obtained by the
Photochemical Decomposition of Silver Oxalate, by
V. V. Sviridov, G. A. Branitskiy, 7 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VII, No 6, 1963,
pp 387-390.

CIA/FDD XX-1638
NO FOREIGN DISSEM

0 15-11-64-18920

Sci
USIB Internal Use Only

269,682

S-659/64

New Modification of a Method for Recording Skeletal
and Smooth Muscle Contractions With a Small
Capacity Pickup Unit, by L. M. Tolstykh-Chernitskaya,
Yu. V. Gur'yanov. (AP-768) SF-3276

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VII, No 6, 1963,
pp 422-424.

*JPRS

Sci - Biol & Med Sci
Jun 64

Pulse-Lamp-Parameter Determination by Observation
of Nonlinear Optical Phenomena, by A. N. Rubinov,
A. P. Ivanov, 7 pp. 055R
RUSSIAN, per, Dok Ak Nauk SSSR, Vol VII, No 8, 1963,
pp 524-527. 9692721
FTD-TT-64-153

Sci-Phys
June 64

260,680

A Procedure for Obtaining and the Properties of
Some Rare Earth Intracomplex Compounds, by
V. S. Khomenko, V. V. Kuznetsova, 7 pp.

RUSSIAN, per, Dokl Ak Nauk BSSR, Vol VII, No 9,
1963, pp 610-613.

CIA/FDD XX-1596
NO FOREIGN DISSEM

Sci
Oct 64
USIB Internal Use Only

268,063

On the Question of the Convergence of the
Method of Integral Relations, by V. V. Bobkov, 5 pp.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII,
No 1, 1964, pp 5-9.
CIA/FDD X-5671

Sci - Math & Data Proc
Aug 65
FOR OFFICIAL USE ONLY

284,350

Determination of the Experimental Potential of Mass
Transfer, by L. M. Nikitina.
RUSSIAN, per, Dok Ak Nauk Byelorusskoi SSR, Vol VIII,
No 1, 1964, pp 36-38.
Dept of Navy Tr 4293/APL T-1486

Sci - ES
Nov 65

292,735

An Investigation of the Diffusion of Sul-
fur in Certain Refractory Metals, by
M. M. Pavlyuchenko, et al.
RUSSIAN, per, Doklady Akad. Nauk. BSSR,
Minsk. Vol. 8, no. 3, 1964, pp. 157-160.
*CFSTI TT 70-57010

Sci/phys
Feb 70

Method of Quantitative Emission Spectral
Analysis Based on the Maximal Intensity of
Spectral Lines in the Process of Burning a
Substance, by G. A. Nepokoychitskiy,
A. A. Yankovskiy.
RUSSIAN, per, Dok Ak Nauk Belorussk SSSR,
Vol XVIII, No 6, 1964, pp 372-375.
NASA TT F-10,396

Sci-
Dec 66

316,463

S-958/64

Electrophysiological Analysis of Afferent Impulses
From Ganglionic Receptors, by A. I. Bulygin,
V. N. Kalyunov. (SF-3365)

RUSSIAN, per, Dok Ak Nauk SSSR, Vol VIII, No 6,
1964, pp 411-413.

*JPRS

Sci - Bio. & Med Sci
Sept 64

Adequate Optical Chronaxy in Epileptics,
by A. M. Klimovich, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk BSSR,
Vol 8, No 6, 1964, pp. 414-417.
JPRS 30381

USSR
Sci-B/M
Jun 65

281,358

S-958/64

Disruption in Segmentalization of Bonds Between
Cerebrospinal Nerves and the Sympathetic Stem,
by T. N. Kalita. (SF-3365)

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII, No 6,
1964, pp 418-420.

*JPRS

Sci - Biol & Med Sci
Sept 64

A Method for Quantitative Emission
Spectral Analysis Decoding to the Maximum
Intensity of Spectral Lines in the
Process of Burning up a Substance,
by A. G. Nepokoichitsky, A. A. Yankovsky.
RUSSIAN, per, Dokl Ak Nauk Belorusk.
SSSR, Vol VIII, No 6, 1964, pp 372-375.
*NASA

Sci - Phys
Sept 66

On the Diffraction of Partially Coherent
Light, by B. A. Sotskiy, A. M. Goncharenko.
RUSSIAN, Dokl Ak Nauk Belorussk, Vol IX,
No 7, 1964, pp 438-440.
Dept of Navy 4819/APL/JHU TG 230-T478

Sci - Phys
Oct 66

312,842

Trematode Larvae in Fish Muscle and Their
Epizootiology, by V. Ya. Linnik.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol 8,
No 7, 1964, pp 484-488.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
No A-28/May 69/118
On Loan Onyl

Sci-B&M
July 69

388,634

Synthesis of Circuits Constructed on Pneumatic
Switches, by S. A. Korovlev, 5 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII, No 8,
1964, pp 501-504.

JPRS 27783

Sci-Electronics
Jan 65

272,334

Flow of a Relasing Gas Around a Thin
Cone of Revolution, by Yu. V. Khodyko.
RUSSIAN, per, Collected Academy Nauk
USSR, Vol VIII, No VIII, 1964, pp 309-313
NASA TT F-334 9227886

Sci-Phys
sept 65

290,004